

Appln No. 09/831,726

Amdt date February 8, 2007

Reply to Office action of October 11, 2006

This listing of claims is submitted as a clean set of claims as requested by the Examiner:

Listing of Claims:

1. (Original) Mobile telephony process wherein:
 - a) provision is made for at least one application capable of processing the position of a user carrying a handheld unit (Ui) to modulate at least some characteristics of said application;
 - b) provision is made for at least one access terminal (Bai) belonging to a selected communications infrastructure, to enable at least one user handheld unit (Ui) to access said application over a selected geographical coverage (Z2);
 - c) provision is made for at least one mobile station (SMi) distributed in the coverage zone (Z2) of the access terminal (Bai);
 - d) the mobile station (SMi) is equipped with means of communication capable of establishing a short-range radio frequency communication inside a selected perimeter (P1, P2) between the user handheld unit (Ui) and the mobile station (SM); and
 - e) at least one user handheld unit (Ui) is equipped with means of short-range radiofrequency communication interconnecting with those of the mobile station (SMi) to establish said short-range radiofrequency communication inside the selected perimeter (P1, P2) between the handheld unit (Ui) and the mobile station (SMi).
which enables said user handheld unit (Ui) to communicate with the mobile station (SMi) and with the access terminal (Bai) in order to access said application adapted according to the position of the user.

2. (Original) Process according to claim 1, characterized in that at least some characteristics of the application belong to the group formed by the absence/presence of the user, and billing of said application.

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3. (Original) Process according to claim 1, characterized in that provision is made for a plurality of mobile stations (SMi) arranged into a network so that said network covers substantially exactly the inside of a selected perimeter (P1, P2).

4. (Original) Process according to claim 1, characterized in that the mobile station (SMi) is capable of establishing communication with the access terminal (Bai), the mobile station (SMi), thereby playing the role of a handheld unit.

5. (Original) Process according to claim 1, characterized in that provision is made for a communications infrastructure belonging to the group formed by the global cellular network of the type GSM, UMTS or similar, and the local network of the ad hoc type or similar.

6. (Original) Process according to claim 1, characterized in that provision is made for a handheld unit belonging to the group formed by the mobile telephones, or similar.

7. (Previously presented) Mobile telephone system for implementation of the process according to claim 1.

8. (Original) System according to claim 7, characterized in that it includes:

at least one access terminal (Bai) belonging to a selected communications infrastructure, to enable at least one user handheld unit (Ui) to access a selected application over a selected geographical coverage (Z2), said application being capable of processing the position of a user carrying a handheld unit (U1) to modulate at least some characteristics of said application;

at least one mobile station (SMi) distributed in the coverage zone (Z2) of the access terminal (Bai), said mobile station including means of communication capable of establishing a short-range radiofrequency communication inside a selected perimeter (P1, P2) between the handheld unit (Ui) and the mobile station (SMi); and

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at least one user handheld unit (Ui) incorporating means of short-range radiofrequency communication interconnecting with those of the mobile station (SMi) to establish said short-range radiofrequency communication inside the selected perimeter (P1, P2) between the handheld unit (Ui) and the mobile station (SMi) said user handheld unit (Ui) being capable of communicating with the mobile station (SMi) and with the access terminal (Bai) in order to access said application adapted according to the position of the user.

9. (Original) User handheld unit designed to work in conjunction with the mobile telephone system according to claim 7 or claim 8.

10. (Original) Mobile station designed to work in conjunction with the mobile telephone system according to claim 7 or claim 8.

11. (Original) Access terminal designed to work in conjunction with the mobile telephone system according to claim 7 or claim 8.